FOR OHIO EPA USE
FACILITY ID:_____

EU ID: _____ PTI #:

# EMISSIONS ACTIVITY CATEGORY FORM
# GENERAL PROCESS OPERATION

*This form is to be completed for each process operation when there is no specific emissions activity category (EAC) form applicable. If there is more than one end product for this process, copy and complete this form for each additional product (see instructions). Several State/Federal regulations which may apply to process operations are listed in the instructions. Note that there may be other regulations which apply to this emissions unit which are not included in this list.*

1. Reason this form is being submitted (Check one)

☐ New Permit ☒ Renewal or Modification of Air Permit Number(s) (e.g. P001)____P009_____

2. Maximum Operating Schedule: ___24_____hours per day ;___365_____days per year

   If the schedule is less than 24 hours/day or 365 days/year, what limits the schedule to less than maximum? See instructions for examples. _____

3. End product of this process: _____Calcined Catalyst_____

4. Hourly production rates (indicate appropriate units). Please see the instructions for clarification of "Maximum" and "Average" for new versus existing operations:

| Hourly | Rate | Units (e.g., widgets) |
|---|---|---|
| Average production | 1,300 | lb/hr |
| Maximum production | 1,300 | lb/hr |

5. Annual production rates (indicate appropriate units) Please see the instructions for clarification of "Maximum" and "Actual" for new versus existing operations:

| Annual | Rate | Units (e.g., widgets) |
|---|---|---|
| Actual production | 11,388,000 | lb/yr |
| Maximum production | 11,388,000 | lb/yr |

6. Type of operation (please check one):

☒ Continuous
☐ Batch (please complete items below)

Minimum cycle* time (minutes): _____
Minimum time between cycles (minutes): _____
Maximum number of cycles per daily 24 hour period: _____
(Note: include cycle time and set up/clean up time.)

*"Cycle" refers to the time the equipment is in operation.

7. Materials used in process at maximum hourly production rate (add rows/pages as needed):

| Material | Physical State at Standard Conditions | Principle Use | Amount** |
|---|---|---|---|
| Metallic Catalyst Intermediates and Products | Solid | Catalyst Precursor | 1,300 lb/hr |
| | | | |
| | | | |
| | | | |
| | | | |

** Please indicate the amount **and** rate (e.g., lbs/hr, gallons/hr, lbs/cycle, etc.).

8. Please provide a narrative description of the process below (e.g., coating of metal parts using high VOC content coatings for the manufacture of widgets; emissions controlled by thermal oxidizer...):

Calcination of inorganic materials. A wide variety of products are produced in this emission unit and each product has a different batch processing and clean up schedule. Therefore, the hours of operation and annual throughput are based on a maximum worst case operation of 24 hr/day, 365 day/yr, despite the emission unit being a batch unit.